

# • difficult dock problems



## and how to solve them

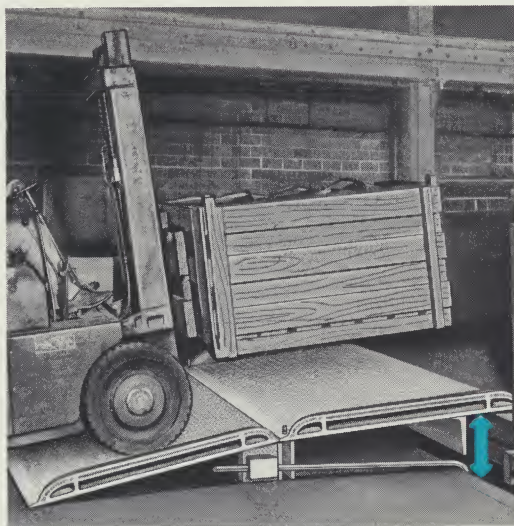
**Truck or Rail Car Operations**—your dock and its requirements—your equipment and loads—your operating conditions . . . determine the type of Magliner dock board that will best solve your loading problem. Here, we point out many of the common (and uncommon) conditions that can slow down loading operations, and build up excessive costs—problems that have been successfully solved by Magliner magnesium dock boards.

*How about your loading problem?* Magliner experience can help you solve it. Consult with the Magline representative in your area. He is a qualified specialist in the practical solution of dock loading problems, and can help you cut your loading costs by recommending the *right* dock board for *your* application.

MAGLINE INC. • PINCONNING, MICHIGAN



# Which one of these loading



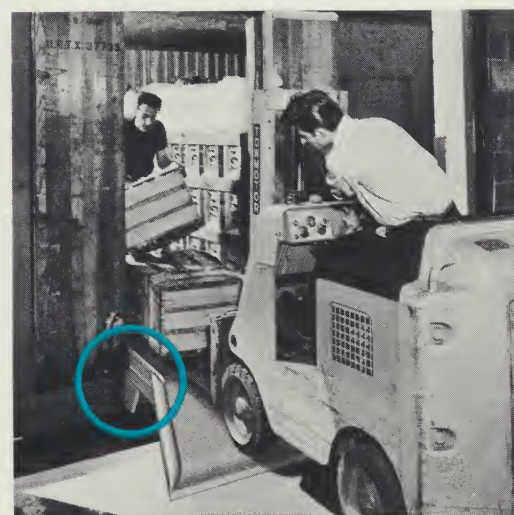
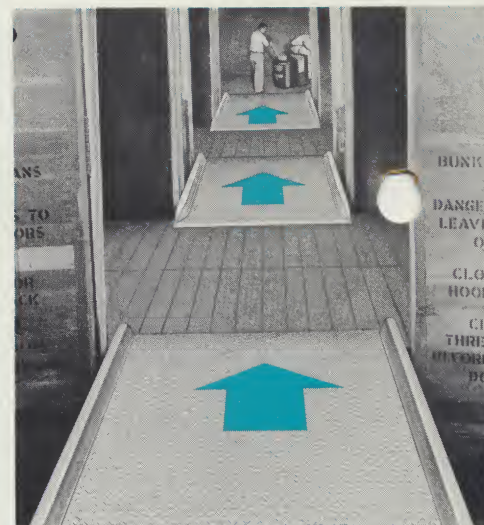
## High Carrier, Low Dock

Here's a common dock problem you've very likely come across at one time or another on *your* dock. Extreme height differences between dock and carrier made the use of a regular dock board impractical—too steep a grade. A long, easy slope is required, but a single, long board would be too heavy—too hard to handle. This customer solved the problem by putting a Magliner Board-and-Ramp combination to work. This two-section unit provided the longer, safer slope required for smooth equipment crossover. Magnesium light, both sections can be handled easily by one man. For normal dock-to-carrier height differences the board can be used independently of ramp.



## Restricted Dock Turning Space

"Cramped quarters"—a problem familiar to *anyone* who works on a shipping dock. All docks vary in size. Some are narrow, some wide, but even wide ones get cluttered up—clogged with waiting loads, tied-up equipment, etc., making it difficult for power trucks to turn and maneuver. Magliner *flared* Dock Boards are made to order for dock conditions like these. They permit drivers to make sharp, right-angle turns from dock-to-carrier and vice-versa. Most of the turn can be made *right on the board itself*! Loading operations are easier, less costly—working conditions, safer!



## Narrow Car Doors

This refrigerator car is a typical example of a difficult loading situation that Magliner field representatives encounter—and solve—every day. The problem involved narrow car doors, and called for a special dock board that would permit use of full car door width for working purposes. Narrow curb section at door opening provides maximum clearance for equipment, and blends into Tire Saver Safety Curbs at wide end of board. Dock end of board is flared for easy, power truck maneuverability.

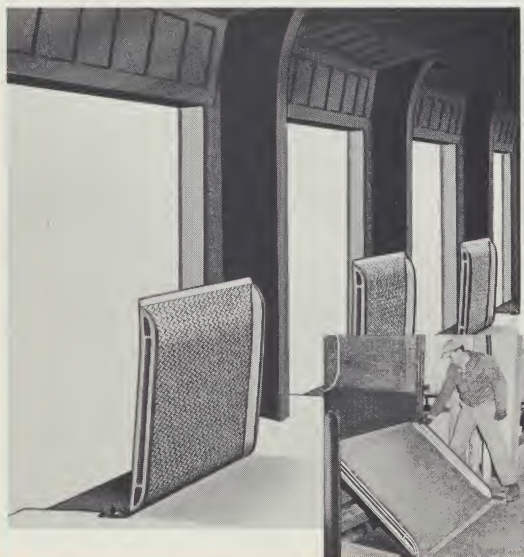




# problems is yours?

## Light Duty Truck Loading

Everyday dock loading conditions have a lot to do with *everyday loading costs*! This includes light duty truck loading. Push trucks, skid trucks, pallet dollies, etc. must move shipments quickly and smoothly between dock and carrier. These requirements are easily met with a Magliner Standard Dock Board—*right from factory stock*! You get maximum return for your handling dollar at lowest possible cost! Magliner standard boards are equipped with patented, automatic drop locks, fully adjustable for varying heights and spans.



## Multi-Station Volume Loading

Planning a new building . . . or modernizing an old one? This truck line operator wanted peak dock capacity from his new 35-station loading terminal. He compared all permanent type dock board systems—hydraulic, pneumatic, mechanical—then standardized on Magliner magnesium Perma Docks, and has since installed them on all new terminals. Why Perma Docks? *Greater dock loading efficiency at much lower cost!* He states that he saved up to 65% on installation costs alone! Magliners are *magnesium light*, easily raised and lowered by one man, self adjust automatically to truck or rail car level. No counter balances or leveling devices required. Minimum maintenance, dependable, long-life service.

## Car to Car Access

How to get to that outlying spur without car switching and spotting is a real problem when you have two or more sets of tracks parallel to the loading dock. A situation like this calls for Magliner car-to-car dock boards. Photograph shows loads being shuttled from car to dock. Note how the Magliners provide safe, smooth access from dock to farthest outlying car. No costly delays . . . no demurrage costs here! Cars are reached quickly and easily . . . the Magliner way!



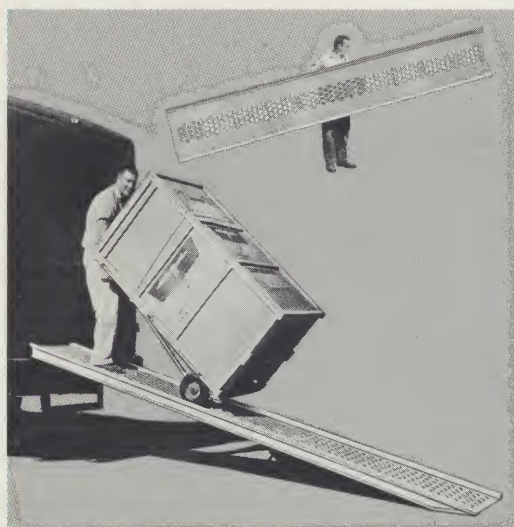
## Ground Level Loading

Lack of dock facilities, limited track-side space, outlying yard cars . . . these are some of the problems that many companies have solved with Magliner Mobile Loading Ramps. It's a loading dock on wheels . . . where you need it . . . when you need it! One man moves it. Hydraulic lift positions it to carrier loading height . . . spring loaded safety chain maintains positive, secure attachment during loading operations. Power trucks move directly in and out of carriers, eliminating costly, time-consuming hand loading. This customer tells us his company cut loading time in *half* since installing their Magliner, and they estimate annual cost savings will exceed \$20,000 per year.

## Equipment Underclearance

Magliner engineers had low-lift pallet and skid trucks in mind when they designed this ingenious Magliner Board-and-Ramp combination. Too steep a grade between dock and carrier means trouble—equipment hang-up . . . loss of time . . . costly bottle-necks. The Magliner Board-and-Ramp combination eliminates this problem by providing a safe, easy slope, assuring ample underclearance for free movement of equipment. Both sections are magnesium light for easy, one-man handling. Board can be used independently of ramp for regular dock board use.

*Ramp section available with or without side curbs.*

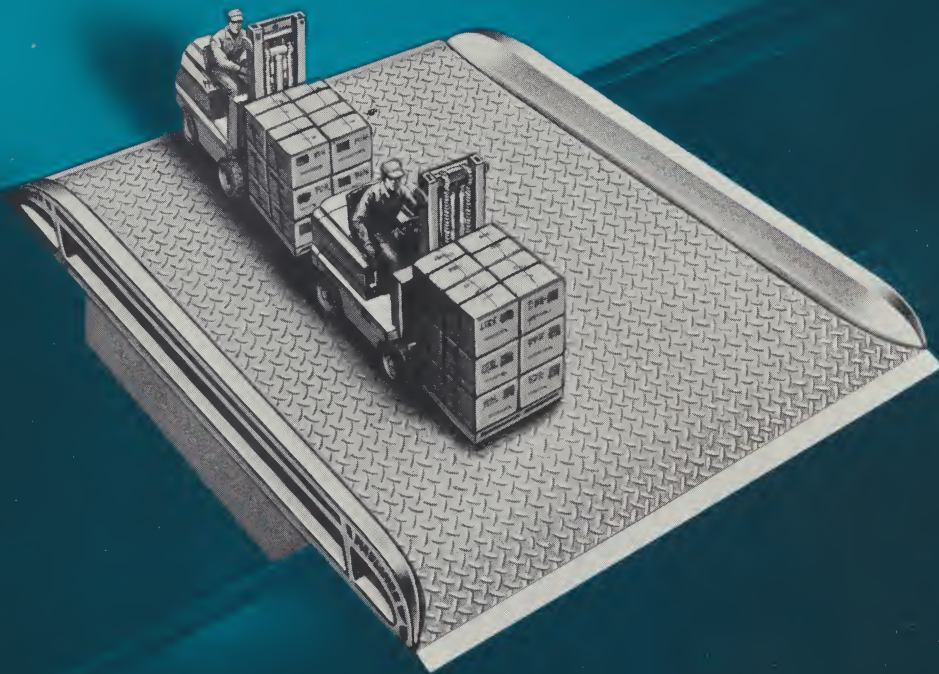


## Loading and Unloading with Hand-Operated Trucks

Loading and unloading from extremely low docks—or from ground level—using hand operated trucks can also be a problem. How to get loads down from trucks and rail cars to ground level? A Magliner Standard Portable Ramp is the answer to that one! With a Magliner on the job, loads move in one continuous operation—*no double handling*! Designed especially for one-man handling, this portable ramp can be set up in seconds! It's made to order for warehousing and storage operations, ground-level plants, produce handlers, etc. Light and easy to handle, the ramp can also be carried on trucks for delivery purposes.



# There's a **BIG** difference in dock boards!

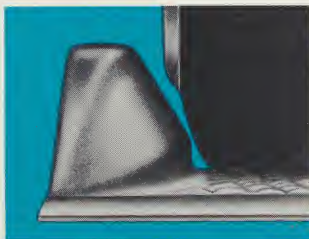


## Only Magliners give you ALL these advantages\*

### POWER TRUCK TIRE PROTECTION



*Because Ordinary Side Curbs Are Made Like This,* they permit power truck steel wheel rim to scuff against side curb. Repeated contacts, day after day, make sharp, jagged edges in the curb . . . gouge and cut tires . . . cause costly damage. This weakens the side curbs, and reduces service life of dock board.



*It Can't Happen With Magliner Tire-Saver Safety Curbs.* They prevent wheel rims from coming into contact with the side curb. This *exclusive*, Magliner feature saves tire replacement expense, prolongs dock board service life. An important, money-saving advantage.

### MAGLINER FLARED CURB ENDS



. . . permit safe, wide-angle turns in limited space. Interlocking-joint construction, welded throughout, gives 3 times the strength. Stands up under repeated impact shock from rough usage and wheel collision.

**BEVELED EDGES** *precision-machined* to provide smooth entry on to dock board . . . take the bump and jar out of equipment crossover. Protect against load damage and spillage.

**FULL-LENGTH HAND GRIPS** for easy handling from any position . . . maximum safety!

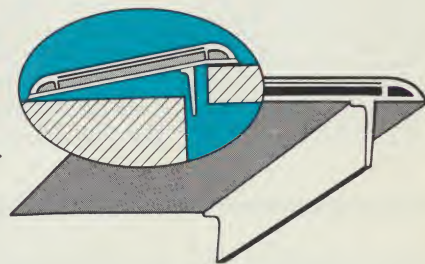
**STRESS RELIEVED FOR ADDED STRENGTH** — an extra safety advantage that can't be seen . . . but it's important!

**PATENTED ADJUSTABLE DROP LOCK**—automatically adjusts to varying height differences between dock and carrier floor. Anchors dock board securely in place—prevents dangerous slippage.

**CROWNED**—*properly*, so that board edges bear snugly against dock and carrier for smooth, safe equipment crossover. Prevents 'hang-up' of low underclearance equipment.

### TAPER-LOCK POSITION STOP

Specially designed for truck boards, this heavy-duty tapered extrusion provides safe, secure locking action . . . easy, positive positioning without wedging or pinching. Stop fits squarely between dock face and back end of truck, requiring minimum park-out. Shock-resistant, built to take the hard knocks of everyday truck pounding.



### MADE OF MAGNESIUM

#### World's Lightest Structural Metal!

Every Magliner board is design-checked by our engineers to assure maximum performance, longest service life in your specific application.

### MAGLINE INC., PINCONNING, MICH.

In Canada: Magline of Canada, Limited • Renfrew, Ontario

*Manufacturers of MAGNESIUM* Dock Boards • Mobile Loading Ramps • Delivery Truck Ramps • Hand Trucks • Platform Trucks • Roller Conveyors • Barrel Skids • Safety Blocks • Safety Tongs • Can Forks • Special Purpose Materials Handling Equipment • *Special Fabrications • Sand Castings • Die Castings*



**Represented by:**

**RUSHMORE & WEBER INC.**

LATHAM, N. Y.  
PHONE STATE 1-6648



# CUT DOCK LABOR COSTS!

... SPEED LOADING WITH

## **MagLiner**

### **T. L. PLATES**

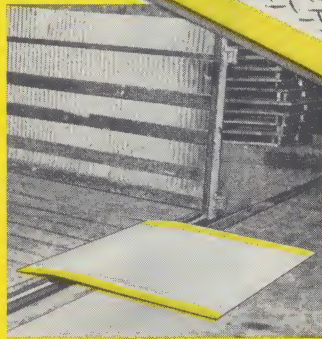
(Truck Loading Plates)

*Available in tread or  
smooth plate surface.*



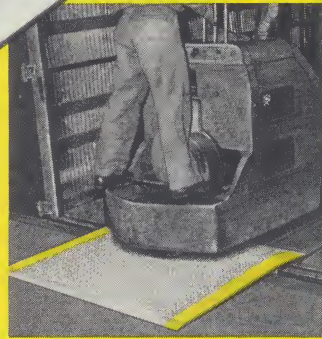
#### **ONE MAN HANDLES IT!**

No heavy lifting! Greater, all-around safety... Minimizes risk of injury.



#### **TL PLATE IN PLACE— ready to go!**

Smooth, bump-free crossover. More safety for loads and equipment.



#### **FAST LOADING ACTION**

— for lower operating costs, greater profits! You service more trucks in less time with TL Plates.

#### **• Lightness**

Only  $\frac{1}{3}$  the weight of steel, Magliner TL Plates are easily handled by one man.

#### **• Strength**

Made of high-strength aluminum-magnesium alloy... for rugged, dependable service, without dead weight!

#### **• Economy**

TL Plates are a low price investment that pay big cost-saving dividends from the very first day! Available in sixteen standard models, at lowest competitive prices.

Magliner TL Plates represent excellent quality and value at low cost. They should not, however, be confused with our regular line of **MAGLINER** magnesium dock boards which are custom-engineered to meet specific dock conditions, and heavier equipment and load requirements.

A safe, dependable dock plate for truck shippers at a price that gives you more dock plate per dollar! Made of high strength aluminum-magnesium alloy, to safely handle rolling loads up to 6,000 lbs., TL Plates speed dock operations... get more out of loading equipment... keep costs down. They are the practical solution to faster, lower cost loading—and provide dependable service for the many truck dock applications which do not require heavier capacity equipment.



MAGLINER TRUCK LOADING PLATES HAVE

# SAFE T LANE

PROTECTION!

Available in tread or smooth plate surface.

## SAFE-T-LANE PROTECTION REDUCES ACCIDENTS ... SPEEDS LOADING ... PROMOTES SAFETY!

Brilliant yellow safety lanes provide *safety-first* crossover from dock-to-carrier • Extends your plant or warehouse Traffic Aisles right on to the freight carrier • Creates greater safety consciousness . . . promotes careful, efficient equipment operation • Reduces hazard of load and equipment damage, time and dollar losses • Gets work done faster . . . at lower cost.

### PLUS these Safety Features:

- **POSITIVE POSITION LOCK** securely anchors TL Plate in place. Plate cannot slip or rock.
- **CROWNED** for smooth, safe equipment crossover. Board edges bear snugly against dock and carrier floors—to accommodate varying height differences.
- **BEVELED EDGES** avoid hazardous load jar . . . prevent equipment damage and load loss (maximum 10° slope).

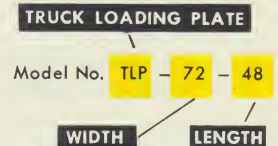
## SIZES AND SPECIFICATIONS

| WIDTH<br>(Inches) | LENGTH<br>(Inches) | HEIGHT<br>DIFFERENCE<br>(Inches) | WEIGHT<br>(Pounds) | AXLE LOAD CAPACITY                           |                                   |
|-------------------|--------------------|----------------------------------|--------------------|----------------------------------------------|-----------------------------------|
|                   |                    |                                  |                    | Recom-<br>mended<br>Rolling Load<br>(Pounds) | *Ulti-<br>Static Load<br>(Pounds) |
| <b>36</b>         | 48                 | 7                                | 78                 | 1,500                                        | 4,600                             |
| <b>42</b>         | 48                 | 7                                | 89                 | 2,000                                        | 5,300                             |
| <b>48</b>         | 24                 | 3                                | 52                 | 5,000                                        | 12,000                            |
|                   | 30                 | 4                                | 63                 | 4,200                                        | 9,700                             |
|                   | 36                 | 5                                | 76                 | 3,200                                        | 8,000                             |
|                   | 42                 | 6                                | 87                 | 2,800                                        | 6,900                             |
|                   | 48                 | 7                                | 100                | 2,000                                        | 6,000                             |
| <b>60</b>         | 60                 | 9.5                              | 123                | 1,000                                        | 3,200                             |
|                   | 24                 | 3                                | 63                 | 5,500                                        | 12,000                            |
|                   | 30                 | 4                                | 77                 | 4,500                                        | 9,700                             |
|                   | 36                 | 5                                | 92                 | 3,500                                        | 8,000                             |
|                   | 42                 | 6                                | 108                | 3,100                                        | 7,100                             |
| <b>72</b>         | 48                 | 7                                | 123                | 2,300                                        | 6,000                             |
|                   | 60                 | 9.5                              | 150                | 1,000                                        | 3,200                             |
|                   | 24                 | 3                                | 74                 | 6,000                                        | 12,000                            |
|                   | 30                 | 4                                | 90                 | 4,500                                        | 9,700                             |
|                   | 48                 | 7                                | 143                | 2,500                                        | 6,000                             |

†Denotes maximum height difference based on 10½° bend at 8". Stops are located to provide an 11" apron on the truck.

\*Listed only for purposes of comparison with other equipment rated at Ultimate Static Load, rather than Safe Rolling Load.

NOTE: The table of specifications above is for your convenience in ordering MAGLINER TL Plates. All models are listed. Be sure to specify the correct model number. Model numbers are easily set up and determined from the specification table, in the following manner:



MAGLINE INC., PINCONNING, MICHIGAN  
Canadian Factory: Magline of Canada, Ltd., Renfrew, Ontario

RUSHMORE & WEBER INC.  
LATHAM, N.Y.  
PHONE STATE 8-48





## Magliner Heavy-Duty MOVING VAN RAMP

Here's the way to get a heavy load on *fast*! Magliner's new, rugged Heavy-Duty Moving Van Ramps provide safe, smooth ground-to-van access for loading and unloading large appliances, machinery, castered equipment—large, bulky items of all kinds. Made of magnesium for easy handling . . . capacity rated up to 4,000 lbs. Specially tapered top aprons provide maximum clearance for truck tailgates. Get your loads on the road the swift, smooth *low-cost* way . . . equip your vans and trucks with new Magliner Moving Van Ramps!

### SPECIFICATIONS

#### All Magnesium Construction

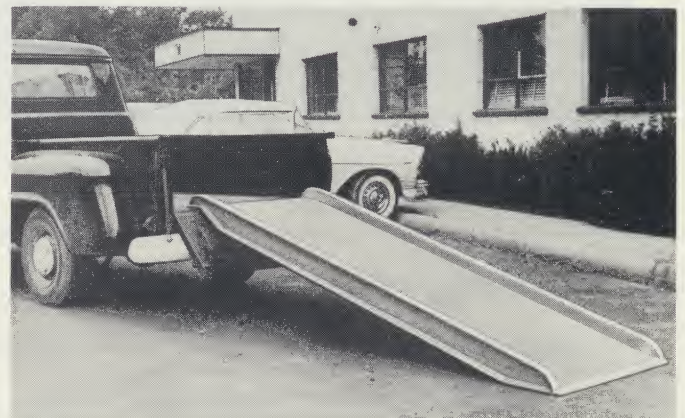
**CAPACITIES:** 3,000 and 4,000 lbs.

**WIDTHS:** 40" overall, 36" inside clear width.  
46" overall, 42" inside clear width.  
52" overall, 48" inside clear width.

**DECK SURFACES:** Smooth plate surface for fragile or small-castered equipment—Tread plate surface for conventional loads. Available with abrasive traction strip coating if desired. Specify when ordering.

**APRON:** 11" long. Tapered for tail gate clearance.

**HOOK-AND-CHAIN ATTACHMENT:** Available as optional equipment.



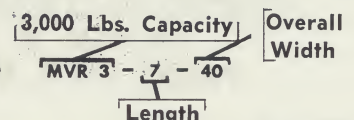
## 48 MODELS TO CHOOSE FROM

| MODEL                                    | LENGTH<br>(In Feet) | WEIGHT    |           |           |
|------------------------------------------|---------------------|-----------|-----------|-----------|
|                                          |                     | 40" Width | 46" Width | 52" Width |
| <b>MVR 3</b><br>(3,000 lbs.<br>Capacity) | 7                   | 89        | 107       | 119       |
|                                          | 8                   | 102       | 124       | 137       |
|                                          | 9                   | 119       | 137       | 151       |
|                                          | 10                  | 133       | 154       | 170       |
|                                          | 11                  | 147       | 171       | 189       |
|                                          | 12                  | 159       | 184       | 203       |
|                                          | 13                  | 173       | 201       | 222       |
|                                          | 14                  | 188       | 218       | 241       |
| <b>MVR 4</b><br>(4,000 lbs.<br>Capacity) | LENGTH<br>(In Feet) | WEIGHT    |           |           |
|                                          |                     | 40" Width | 46" Width | 52" Width |
|                                          |                     | 109       | 120       | 130       |
|                                          |                     | 126       | 138       | 150       |
|                                          |                     | 139       | 153       | 167       |
|                                          |                     | 156       | 172       | 187       |
|                                          |                     | 173       | 190       | 207       |
|                                          |                     | 186       | 205       | 223       |
|                                          |                     | 212       | 232       | 252       |
|                                          |                     | 230       | 251       | 273       |

Special Sizes Available on Request.



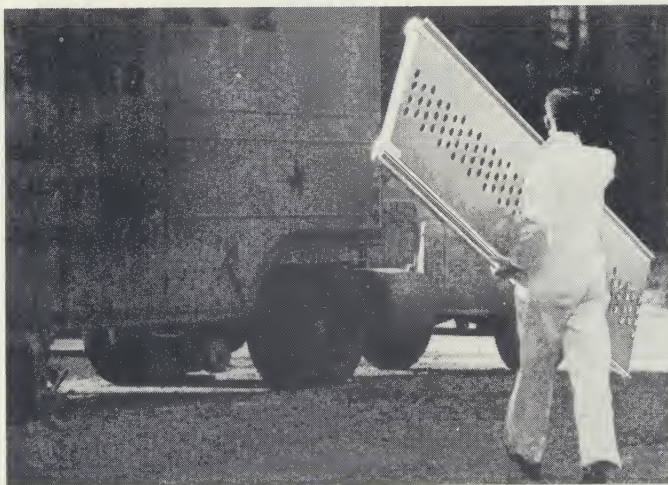
Here's How To Order



BULLETIN R - 660

MAGLINE INC., PINCONNING, MICHIGAN





Magliner Delivery Truck Ramps speed delivery services, cut the time required for each stop and provide greater safety for men and merchandise! In less than a minute . . . Magline's Delivery Truck Ramp can be set up and in operation!

#### LIGHT — SAFE — DURABLE

A new concept in speeding deliveries is made possible with this new light-weight all-metal ramp. Easy to handle, position and store, models weigh as little as 50 lbs.



## DELIVERY TRUCK RAMP

### Specifications

**WIDTHS**—26½" overall, 25½" clear width.  
33" overall, 32" clear width.

**HOOK ASSEMBLY** is standard equipment. Also available for secure attachment at extra cost: 6" or 11" truck aprons with hook-and-chain attachment. Apron, when provided, is integral part of overall ramp length.

**FULL LENGTH HAND GRIP** provided by special curb section. Heavy wear section at bottom for long service life.

**HI-TRACTION, SELF-CLEANING DECK** for all-weather operation.

**TREAD PLATE DECK SURFACE**, if desired, available at no extra cost.

#### SIZES

| Length | Capacity | WEIGHT    |          |
|--------|----------|-----------|----------|
|        |          | 26½" wide | 33" wide |
| 7'     | 1500     | 50        | 62       |
| 8'     | 1500     | 57        | 72       |
| 9'     | 1200     | 65        | 79       |
| 10'    | 1200     | 70        | 88       |
| 12'    | 1100     | 80        | 104      |
| 14'    | 1000     | 90        | 119      |
| 16'    | 1000     | 104       | 136      |

### MAGLINE INC., PINCONNING, MICHIGAN

*Canadian Factory: Magline of Canada, Ltd., Renfrew, Ontario*

REPRESENTATIVES IN ALL PRINCIPAL CITIES OF UNITED STATES AND CANADA

*Represented By*

**RUSHMORE & WEBER INC.**  
LATHAM, N. Y.  
PHONE STATE 5-8548



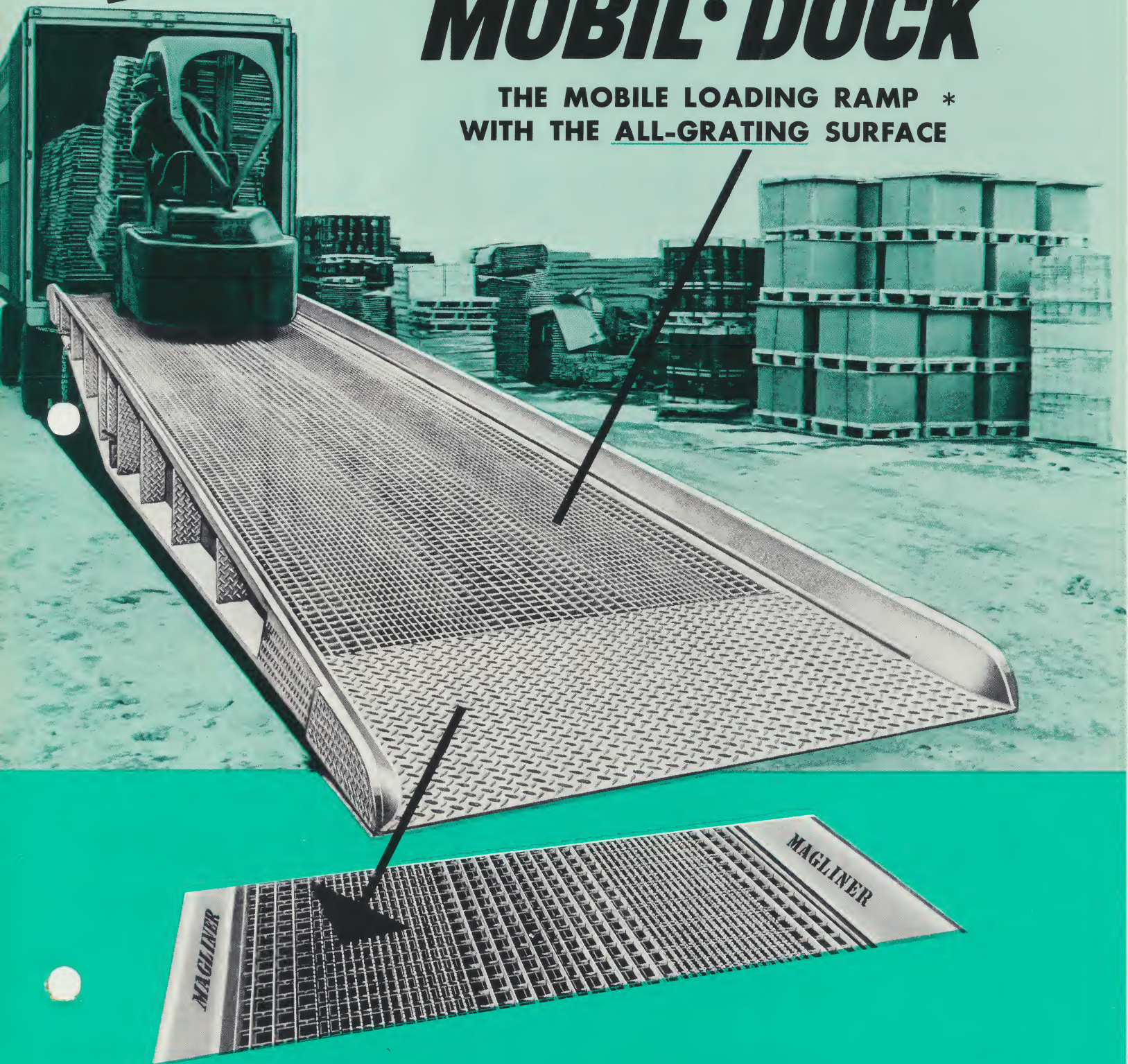
Manufacturers of magnesium materials handling equipment, including hand trucks, floor trucks, dock boards, pallet dollies, bridges, mobile loading ramps and truck plates.



**100% TRACTION**  
**FULL-TIME SERVICE**  
FOR GROUND LEVEL LOADING  
TRUCKS AND RAILCARS

**MAGLINER**  
**MOBIL·DOCK**

THE MOBILE LOADING RAMP \*  
WITH THE ALL-GRATING SURFACE



**ALL-WEATHER TRACTION FROM CURB TO CURB**

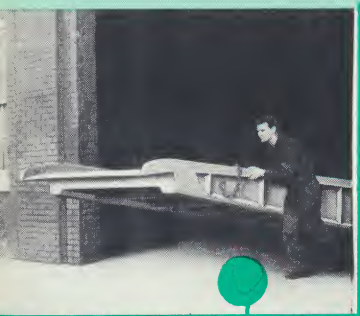


# MOBIL-DOCK

FOR GROUND LEVEL LOADING

## America's best-engineered, best-built mobile loading ramp!

From its rugged, bridge-type magnesium understructure, to its husky all-weather grating surface, you'll find the highest standards of quality reflected in every detail of this new Magliner Mobil-Dock. It's the kind of quality you expect from Magline . . . quality that begins at the design level and continues through every stage of manufacture . . . quality backed up by years of specialized experience in the engineering, design and fabrication of materials handling and loading equipment *made of magnesium!*



### EASY ONE MAN HANDLING—

Magnesium light for quick moving . . . full length hand grips for easy maneuverability!

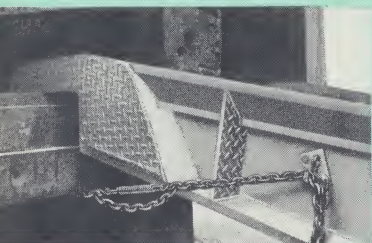


### ALL-WEATHER TRACTION, CURB TO CURB—

Serrated tracks set into open grating give positive tire traction. Grating surface is self cleaning . . . prevents build-up of snow, ice, oil, grease, etc.

### TIRE-SAVER SAFETY CURBS—

Full 4½" high. Bright yellow finish for greater visibility and maximum safety. Exclusive curb design protects power truck tires . . . prevents cuts, gouges, contact damage.



### POSITIVE SAFETY LOCK

Spring-loaded safety chain locks Mobil-Dock securely to freight car or trailer. No danger of slippage.



### RUGGED MAGNESIUM CONSTRUCTION

Capacity-rated to handle loads up to 20,000 lbs., more if you need it. Bridge-design, all welded construction. Heavy-duty long-life service.



### FAST, SAFE HYDRAULIC LIFT

Quickly elevates ramp to required loading height (from 38" to 61").

**NOTE: WHERE ALL-WEATHER TRACTION IS NOT A PROBLEM, MAGLINER MOBIL-DOCKS ARE AVAILABLE WITH MAGNESIUM TREAD-PLATE DECK SURFACE, AS SHOWN AT LEFT.**

## SIZES AND CAPACITIES

14 Models to Choose From —Based on Popular Fork Truck Models

| MODEL NO.      | TOTAL CAPACITY (lbs.) | WIDTH (in.) | LENGTH (ft.) |
|----------------|-----------------------|-------------|--------------|
| MLR-SG 11-6-30 | 11,000                | 58          | 30           |
| MLR-SG 11-7-30 | 11,000                | 70          | 30           |
| MLR-SG 11-6-36 | 11,000                | 58          | 36           |
| MLR-SG 11-7-36 | 11,000                | 70          | 36           |
| MLR-SG 13-6-30 | 13,000                | 58          | 30           |
| MLR-SG 13-7-30 | 13,000                | 70          | 30           |
| MLR-SG 13-6-36 | 13,000                | 58          | 36           |
| MLR-SG 13-7-36 | 13,000                | 70          | 36           |
| MLR-SG 16-6-30 | 16,000                | 58          | 30           |
| MLR-SG 16-7-30 | 16,000                | 70          | 30           |

| MODEL NO.      | TOTAL CAPACITY (lbs.) | WIDTH (in.) | LENGTH (ft.) |
|----------------|-----------------------|-------------|--------------|
| MLR-SG 16-6-36 | 16,000                | 58          | 36           |
| MLR-SG 16-7-36 | 16,000                | 70          | 36           |
| MLR-SG 20-7-30 | 20,000                | 70          | 30           |
| MLR-SG 20-7-36 | 20,000                | 70          | 36           |

#### \*Patent Pending

Standard Equipment Includes: Hydraulic lift system; detachable towing bar; positive safety lock; pneumatic tires; 15" apron (12" apron optional).

### SPECIAL SIZES AND CAPACITIES ON REQUEST



## MAGLINE INC.

PINCONNING, MICH. In Canada: Magline of Canada, Ltd., Renfrew, Ontario

MANUFACTURERS OF: Mobil-Dock Loading Ramps, Dock Boards, Bridges, Floor Trucks, Hand Trucks, Pallet Dollies, Special Fabrications.

Representatives in all principal cities of United States and Canada

**RUSHMORE & WEBER INC.**  
LATHAM, N. Y.  
PHONE STATE 5-8548

Bulletin-MD 220



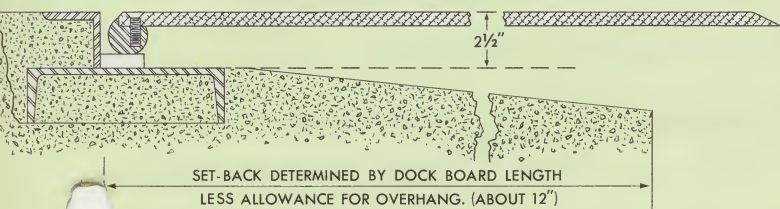
*Efficient Practical Design . . .  
Simple Economical Installation . . .*



## PERMA-DOCKS

### ARCHITECTURAL and ENGINEERING DATA

Cutaway shows design detail and simplicity of installation. All necessary components are supplied. Prints required for architectural drawings and specifications available through local factory representatives or from Magline Inc.



The following data is provided to assist the architect or engineer in the preparation of Perma-Dock specifications.

| TYPE OF CARRIER        | FORK TRUCKS |              | PALLET TRUCKS                                                                                                                                                                 |              | FORK AND PALLET TRUCKS                                          |              |
|------------------------|-------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------|--------------|
|                        | Recommended |              | Recommended                                                                                                                                                                   |              | Recommended                                                     |              |
|                        | Dock Ht.*   | Board Length | Dock Ht.*                                                                                                                                                                     | Board Length | Dock Ht.                                                        | Board Length |
| Trailers & Semi's Only | 50"         | 42"          | 50"                                                                                                                                                                           | 48"          | 50"                                                             | 48"          |
| Unit Body Only         | 43"         | 42"          | 43"                                                                                                                                                                           | 48"          | 43"                                                             | 48"          |
| Both Above Types       | 45"         | 60"          | Wide range of dock-to-carrier height differences not practical for pallet trucks. Varying dock heights, or separate docks for trailers and unit bodies, should be considered. |              | Requires staggered dock heights, or extremely long dock boards. |              |

\*Recommendations based on existing floor heights of majority of carriers

**DOCK BOARD WIDTHS—STANDARD, 60" and 72" CAPACITIES—to 16,000 LBS.**

Additional technical information, if required, is quickly available through Magline's nation-wide organization of factory representatives.

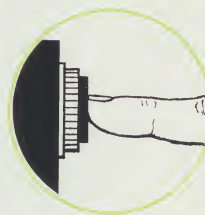
In principal cities of United States and Canada. Consult your telephone directory, or write direct.

**DOCK DOOR CLOSURE—**  
Where weather conditions require, pit opening can be covered by attaching a suitable strip to bottom of dock door.



## THE PERMANENTLY INSTALLED MAGNESIUM DOCK BOARD SYSTEM!

- Always ready for immediate use
- Allows more usable dock space
- Easily raised or lowered in seconds
- Swings up out of the way—requires minimum storage space
- Magnesium-light—magnesium-strong
- Engineered to meet user's exact requirements
- Low cost—only 1/3 the cost of most permanent installations
- No counter balances or leveling devices
- Crowned to prevent hang-up of low underclearance equipment
- Safety tread plate
- Maintenance-free operation
- Long life service



### POWER OPERATED PERMA-DOCKS AVAILABLE

For those applications which require full power operation, Perma-Docks can be supplied with electric-hydraulic system for automatically raising and lowering the dock board.

## MAGLINE INC.

PINCONNING, MICHIGAN

Canadian Factory: Magline of Canada Limited, Renfrew, Ontario

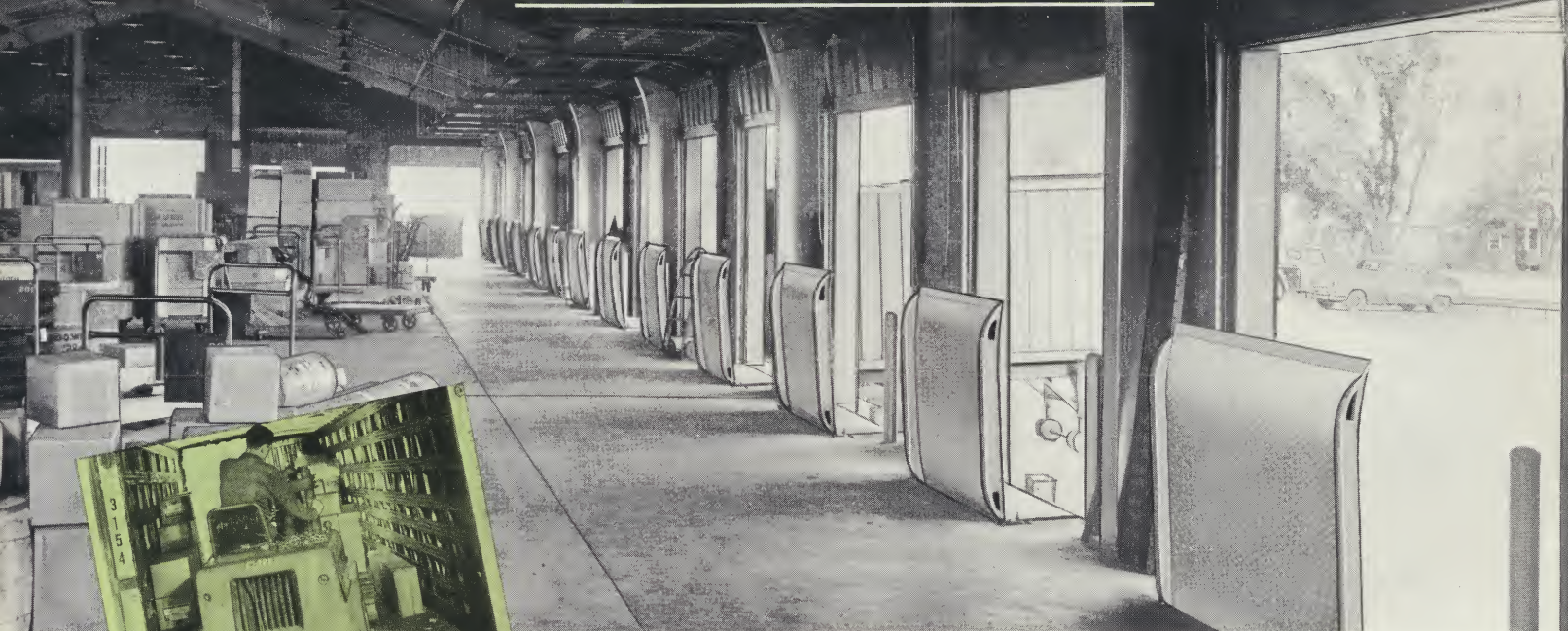
Manufacturers of magnesium materials handling equipment, including dock boards, mobile loading ramps, roller conveyors, pallet dollies, hand trucks, platform trucks, special purpose trucks, special handling equipment.

REPRESENTED BY:

**RUSHMORE & WEBER INC.**  
LATHAM, N. Y.  
PHONE ST. 8-48



# MAGLINER **PERMA-DOCKS**—A PERMANENT MAGNESIUM DOCK BOARD SYSTEM FOR NEW DOCK CONSTRUCTION **AT SAVINGS UP TO 65%**



**Speed Truck Loading, Lower Dock Labor Costs, Save Manpower! Here at last . . . an engineered dock board system that meets all your requirements**

**Magliner Perma-Docks are Safety-Engineered to protect Men . . . Loads . . . Equipment**

## **MAGLINER TIRE-SAVER SAFETY CURBS PREVENT RUN-OFF—STOP TIRE DAMAGE**



**ORDINARY SIDE CURBS ARE MADE LIKE THIS . . .** permit power truck wheel rim to bear against side curb. Repeated contacts, day after day, make sharp, jagged edges in the curb . . . gouge and cut tires . . . cause costly damage. Side curbs are weakened. Dock board service life greatly reduced.

**MAGLINER TIRE-SAVER SAFETY CURBS ARE MADE LIKE THIS . . .** they prevent wheel rims from coming into contact with the side curb. This *exclusive*, Magliner feature (*Patent Pending*) saves tire replacement expense, prolongs dock board service life. An important, money-saving advantage

- Big, important labor savings
- More usable dock space
- Lower equipment cost
- Maintenance-free operation
- Minimum storage space
- Fast, economical installation
- Faster, more efficient dock loading

A permanently-fixed dock board installation, Magliner Perma-Docks are always ready for immediate service. Perma-Docks are made of the world's lightest structural metal—*magnesium*! They are magnesium-*light*, magnesium-*strong*, magnesium-*safe*. They safely handle all popular capacity fork lift trucks . . . self-adjust automatically to truck or trailer floor level. Perma-Docks require no counter balances, no leveling devices; you need no power to operate them. One man easily raises or lowers the board in seconds! Magliner *Magnesium* Dock Boards are the practical, cost-saving solution to dock loading problems. They can be found in thousands of plants and terminals—the choice of plant operating executives, freight forwarders, engineers and architects.

## **FLARED CURB ENDS**

For safe, wide-angle turns in limited dock-turning space. Interlocking-joint (triple strength) construction to withstand repeated impact shock from wheel-collision.

## **BEVELED EDGES**

(Maximum 10° slope) Facilitate movement of valuable loads on and off the dock board . . . avoid hazardous load jar . . . eliminate equipment damage and load loss.

